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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: John Harper

Attorney Docket No.: CISC205 # 3

Application No.: 09/896,416

Examiner: UNASSIGNED

Filed: June 28, 2001

Group: 2661

Title: METHODS AND APPARTUS FOR  
GENERATING NETWORK TOPOLOGY  
INFORMATION

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail to: Commissioner for Patents, Washington, DC 20231 on December 21, 2001.

Signed:

Loyce L. Ferreira

SECOND REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231

Sir:

In response to the OIPE's notice entitled "Response to Request for Corrected Filing Receipt," please find enclosed a copy of the combined Declaration and Power of attorney which reflects the correct title of the application, as well as a copy of the patent application transmittal letter as filed with the application. Please reprint the Filing Receipt as follows and mail the corrected copy to the undersigned.

Change the Title "Methods and Apparatus for Optimising Two-Way Connectivity Check for Link State Routing" to  
-- Methods and Apparatus for Generating Network Topology Information --.

Since this is a Patent Office typographical error, no fee should be due. However, the Commissioner is authorized to charge any fees that may be due to Deposit Account 500388 (Order No. CISC205).

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLP

Godfrey K. Kwan  
Registration No. 46,850

P.O. Box 778  
Berkeley, CA 94704-0778



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/896,416	06/28/2001	2661	1598	CISCP205	10	56	6

022434  
BEYER WEAVER & THOMAS LLP  
P.O. BOX 778  
BERKELEY, CA 94704-0778

CONFIRMATION NO. 2278

## FILING RECEIPT



\*OC00000006449450\*

Date Mailed: 08/21/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

John Harper, London, UNITED KINGDOM;

## Domestic Priority data as claimed by applicant

## Foreign Applications

If Required, Foreign Filing License Granted 08/20/2001

Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

Early Publication Request: No

## Title

Methods and apparatus for ~~optimising two way connectivity check for link state routing~~

--generating network topology information--

## Preliminary Class

370

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Data entry by : HA, THUY

Team : OIPE

Date: 08/21/2001



## DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. CISCP205

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHODS AND APPARATUS FOR GENERATING NETWORK TOPOLOGY INFORMATION the specification of which,

(check one)

1. ☒ is attached hereto.
2. ☐ was filed on \_\_\_\_\_ as  
U.S. Application No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.
3. ☐ was filed on \_\_\_\_\_ as  
International PCT Application No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR § 1.56.

### Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

			Priority Benefits Claimed?
			Yes ___ No ___
_____ (Application No.)	_____ (Country)	_____ (Filing Date)	
_____ (Application No.)	_____ (Country)	_____ (Filing Date)	Yes ___ No ___

### Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

_____ (Application No.)	_____ (Filing Date)
_____ (Application No.)	_____ (Filing Date)

**Prior U.S. Application(s)**

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

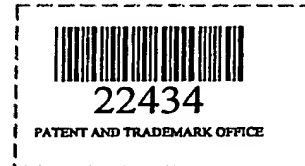
_____ (Application No.)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)
_____ (Application No.)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)

**Power of Attorney**

And I hereby appoint the law firm of Beyer Weaver & Thomas, LLP and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

**Direct Correspondence To:**

**Customer Number: 022434**  
BEYER WEAVER & THOMAS, LLP  
P.O. Box 778  
Berkeley, CA 94704-0778



**Direct Telephone Calls To:**

**Godfrey K. Kwan at telephone number (510) 843-6200**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of  
Sole or First Inventor:

John Harper

Citizenship: United Kingdom

Inventor's signature:

Date of Signature: 26 June 2001

Residence: (City)

London

(State/Country) England/UK

Post Office Address:

Flat 9, 57 Gloucester Road, London, SW7 4QN, United Kingdom



Attorney Docket No. CISC205

METHODS AND APPARATUS FOR  
GENERATING NETWORK  
TOPOLOGY INFORMATION

INVENTOR:

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WASHINGTON, DC 20231  
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JAN 22 2002

APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/896,416	06/28/01	John Harper	CISCP205

JKW/DEW/GKK  
BEYER WEAVER & THOMAS LLP  
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Date Mailed: 11/14/01

RESPONSE TO REQUEST FOR CORRECTED FILING RECEIPT

Publication and General Rules Issues

In response to your request for a corrected Filing Receipt, the Office is unable to comply with the request because:

- ☐ The articles such as "a", "an", and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- ☐ The words "new", "improved", "improvement of", "improvement in", or "improvement relating to" are not included as the first words in the title of an application because a patent application is, by nature, a new idea or improvement. See MPEP 606.
- ☐ The title appears on the filing receipt in sentence case for publication in the Annual Index of Patents.
- ☐ Amendments are not accepted in provisional applications. See 37 CFR 1.53(c).
- ☒ An amendment or Application Data Sheet is needed to make this change.
- ☐ The inventor's residence will only include the city and state for U.S. residences or city and country for residences outside the U.S. See MPEP 605.02.
- ☐ Continuity claimed under 35 USC 120 cannot be added to the Filing Receipt without the applicant supplying the relationship (continuation, divisional, or continuation-in-part) in an amendment or Application Data Sheet.



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WASHINGTON, D.C. 20231  
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## FILE COPY



Bib Data Sheet

CONFIRMATION NO. 2278

<b>SERIAL NUMBER</b> 09/896,416	<b>FILING DATE</b> 06/28/2001 <b>RULE</b>	<b>CLASS</b> 370	<b>GROUP ART UNIT</b> 2662	<b>ATTORNEY DOCKET NO.</b> CISCP205
<b>APPLICANTS</b> John Harper, London, UNITED KINGDOM;				
<b>** CONTINUING DATA *****</b>				
<b>** FOREIGN APPLICATIONS *****</b>				
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> <b>** 08/20/2001</b>				
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance		<b>STATE OR COUNTRY</b> UNITED KINGDOM	<b>SHEETS DRAWING</b> 10	<b>TOTAL CLAIMS</b> 56
Verified and Acknowledged Examiner's Signature _____ Initials _____		<b>INDEPENDENT CLAIMS</b> 6		
<b>ADDRESS</b> 022434				
<b>TITLE</b> Methods and apparatus for generating network topology information				
<b>FILING FEE RECEIVED</b> 1598	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	